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FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 99-049-MIS	Application Number: NOT YET ASSIGNED 89/451 574
	Applicant: James L. Apple, et al.	
	Filing Date: HEREWITH	Group Art Unit: 3652

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PW	4,864,511	09/05/89	Moy et al.	—	—	
PW	4,928,245	05/22/90	Moy et al.	—	—	
PW	4,932,826	06/12/90	Moy et al.	—	—	
PW	4,937,690	06/26/90	Yamashita et al.	—	—	
PW	5,303,214	04/12/94	Kulakowski et al.	—	—	
PW	5,395,199	03/07/95	Day, III et al.	—	—	
PW	5,456,569	10/10/95	Cheatham et al.	—	—	

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		

EXAMINER F. E. Werner	DATE CONSIDERED 10/01
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

Date Mailed:

Sheet 1 of 1



INFORMATION DISCLOSURE STATEMENT

IN AN APPLICATION

(Use several sheets if necessary)

Docket Number:

99-049-TAP

Application Number:

09/451,574

Applicant: Apple et al.

Filing Date: 11/30/99

Group Art Unit: 3652

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>pu</i>	4,654,727	03/31/87	Blum et al.	—	—	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>RW</i>	86/06050	23 October 1986	WO	—	—	X	
<i>RW</i>	3612531	6 November 1986	DE	—	—		X
<i>RW</i>	377474	11 July 1990	EP	—	—	X	
<i>RW</i>	426654	8 May 1991	EP	—	—		X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

F. F. Werner

DATE CONSIDERED

10/01

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